

~~ADMINISTRATIVE-INTERNAL USE ONLY~~

DATA CENTER OPERATIONS BRANCH

NDS OPERATIONS PROCEDURE MANUAL  
NO. P-F009

APPLICATIONS SOFTWARE  
13 April 1983

FILM RECALL ARCHIVAL SYSTEM  
FOR THE FILM INFORMATION FILE

SYMBOLIC TITLE: RECARCIF  
PROGRAMMER:

STAT

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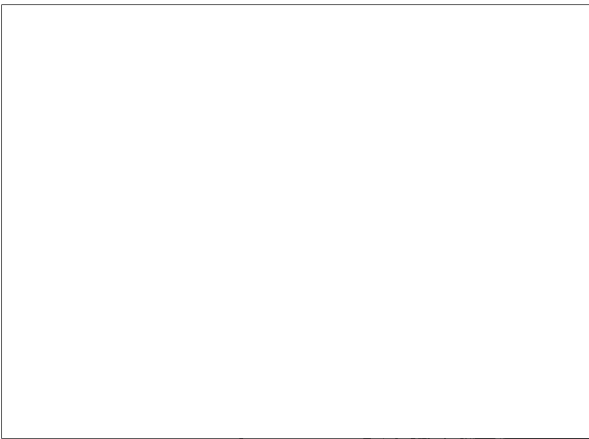
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Program RECARCHIF

Date 20 October 1982

### APPROVALS

This operations manual has been reviewed and approved by the following persons:



STAT

18 Nov 82  
(date)

23 Nov 82  
(date)

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Program RÉCARCFIF

Date 20 October 1982

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Program RECRCFIF

Date 20 October 1982

### SUMMARY

The FIF Film-Recall Archival System, RECRCFIF, is divided into four programs, each performing a specific function.

The first program, RECRCFIF, reads the NPIC data base and creates a file (FIF\*TEMPRECALL) containing the film-recall records.

The next program, RECRPTFIF, sorts the temporary recall records by mission number, control number-ID, and return date. A report is printed containing information on each entry.

The third program, RECMRGFIF, merges the records of the temporary recall file with the existing history file, in the order mentioned above. The history file is then read to be sure no errors occur.

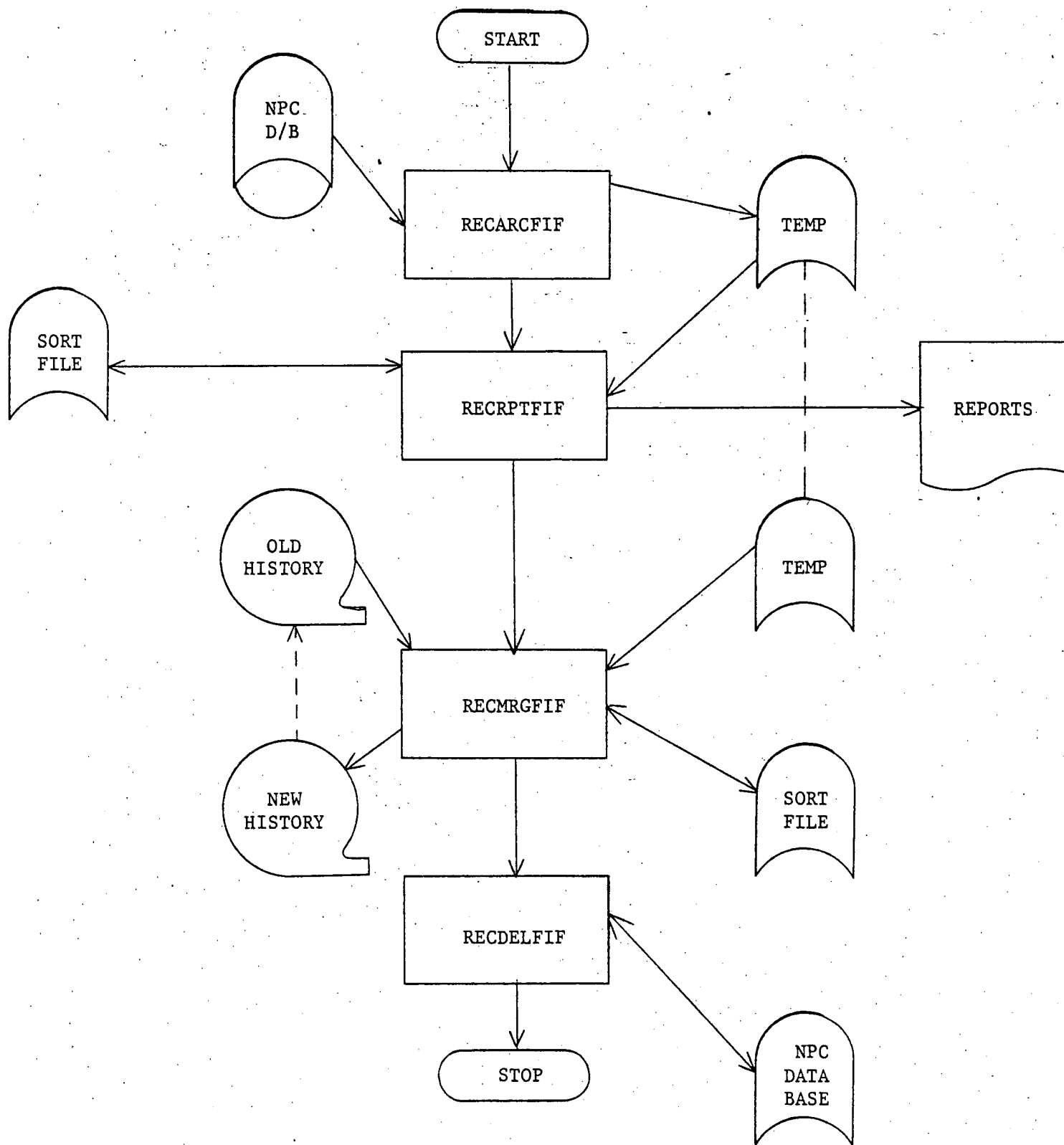
The fourth and last program, RECDELIF, purges all the film-recall records merged into the history tape from the NPIC data base.

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## OPERATIONAL FLOW CHART



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MAGNETIC TAPE INPUT

Contents and Description of Tape Data - Tape contains selected records from the FIF data base.

Type of Unit (7 Track or 9 Track)

9-Track

Standard Tape Label: 'NDS 65 (SYS) RECRCFIF'  
(to be inserted by programmer)

---

Label Block File Name:

Mode: 1600 BPI

Code: ASCII

Record and Block Size: 100 records per block/100 characters per record

File Sequence: MISS-NUM, CONTROL-NUM-ID, DATE-RET

Source Program:

Source Component:

Disposition: The tape resides in the Tape Library.

Retention Period: Thru four cycles

Restrictions: None

Quantity:

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## INPUT TAPE FORMAT

05	MISS-NUM	PIC X(7).
05	CONTR-NUM-ID	PIC X(9).
05	FILM-TYPE	PIC X(3).
05	COPY-NUM	PIC 99.
05	REQUEST-NUM	PIC X(7).
05	BADGE-NUM	PIC X(4).
05	MIS-COMP	PIC X(3).
05	CUSTOMER-COD	PIC X(3).
05	NAME2	PIC X(22).
05	TELEPHONE-NUM	PIC X(7).
05	DAT-ORD	PIC 9(6).
05	DAT-REC	PIC 9(6).
05	DAT-RET	PIC 9(6).
05	JOB-NUM	PIC X(9).
05	BOX-NUM	PIC 9(3).
05	FILLER	PIC X(3).

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## MAGNETIC TAPE OUTPUT

Contents and Description of Tape Data - Tape contains selected FIF records from the FIF data base sorted in three sequences.

Unit

9-Track

Standard Tape Label: 'NDS 65 P84 RECARCIF'  
(to be inserted by programmer)

---

Label Block File Name:

Mode: 1600 BPI

Code: ASCII

Record and Block Size: 100 records per block/100 characters per record

File Sequence: MISS-NUM, CONTROL-NUMB-ID, DATE-RET.

Source Component:

Disposition: Upon completion the tape is to be stored in the Tape Library

Retention Period: four cycles

Restrictions: None

Quantity:

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Program RECARCFIF

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HIGH-SPEED PRINTER OUTPUT

Identification: RECARC

Format: Standard Print File (132 char/line)

Type of Form: 1471 - 1 pt.

Disposition: Send listing to Map and Imagery Branch, RSD/OSG

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Program RECRCFIF

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## ON-LINE COMPUTER PROCESSING

### EQUIPMENT REQUIREMENTS

Computer: UNIVAC 1100/80

Schema Used: NPICSCHEMA

#### Storage:

Core Required -

I Bank -

D Bank -

Peripheral Devices: Console, Tape Drive, Printer

Restrictions: None

Files Accessed: FIF

Files Created/Deleted: Tape output file

File Size:

Approximate Number of Accesses:

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## NORMAL RUN INSTRUCTIONS

Initiation: ST XDB\*P\$RUN.RECARCIF/XQT,,,DMS; starts all four Film Recall Runs.

## Monitor:

<u>Message</u>	<u>Cause</u>	<u>Operator Action</u>
NOW EXECUTING RECALL READ	The following will be output before program execution.	None
NOW EXECUTING RECALL REPORT		
NOW EXECUTING RECALL UPDATE		
NOW EXECUTING RECALL MERGE		

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## ABNORMAL RUN INSTRUCTIONS.

## Messages:

<u>Message</u>	<u>Cause</u>	<u>Operator Action</u>
WARNING: AN ERROR HAS OCCURRED CAUSING A ROLLBACK	In the event of a data base error during the Read or Update program, the status code will be output. A rollback will occur resulting in all records processed since the previous FREE to be returned. A FREE will occur after every 250 records processed.	Call Data Base Section, PB.

Find out what program was being executed when the problem occurred and restart at that point by keying in one or more of the following:

Restart the job via:

"ST XDB\*P\$RUN.RECARCFIF/XQT,,,DMS - starts all jobs again  
"ST XDB\*P\$RUN.RECRPTFIF/XQT,,,DMS - starts only the Report program  
"ST XDB\*P\$RUN.RECMRGFIF/XQT,,,DMS - starts only the Update program  
"ST XDB\*P\$RUN.RECDELFIF/XQT,,,DMS - starts only the Merge program

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